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RAW SEQUENCE LISTING                      DATE: 08/29/2000  
 PATENT APPLICATION:    US/09/642,492              TIME: 16:56:26

Input Set : A:\377882000800.TXT  
 Output Set: N:\CRF3\08292000\I642492.raw

ENTERED

4 <110> APPLICANT: Van Nest, G.  
 6 <120> TITLE OF INVENTION: METHODS OF MODULATING AN IMMUNE RESPONSE  
 7 USING IMMUNOSTIMULATORY SEQUENCES AND COMPOSITIONS FOR USE  
 8 THEREIN  
 10 <130> FILE REFERENCE: 377882000800  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/642,492  
 C--> 13 <141> CURRENT FILING DATE: 2000-08-18  
 15 <150> PRIOR APPLICATION NUMBER: 60/149,768  
 16 <151> PRIOR FILING DATE: 1999-08-19  
 18 <160> NUMBER OF SEQ ID NOS: 12  
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 22  
 24 <212> TYPE: DNA  
 25 <213> ORGANISM: Artificial Sequence  
 27 <220> FEATURE:  
 28 <223> OTHER INFORMATION: Synthetic construct  
 30 <400> SEQUENCE: 1  
 31 tgactgtgaa cgttcgagat ga 22  
 33 <210> SEQ ID NO: 2  
 34 <211> LENGTH: 22  
 35 <212> TYPE: DNA  
 36 <213> ORGANISM: Artificial Sequence  
 38 <220> FEATURE:  
 39 <223> OTHER INFORMATION: Synthetic construct  
 41 <400> SEQUENCE: 2  
 42 tgaccgtgaa cgttcgagat ga 22  
 44 <210> SEQ ID NO: 3  
 45 <211> LENGTH: 23  
 46 <212> TYPE: DNA  
 47 <213> ORGANISM: Artificial Sequence  
 49 <220> FEATURE:  
 50 <223> OTHER INFORMATION: Synthetic construct  
 52 <400> SEQUENCE: 3  
 53 tcattctcgaa cgttccacag tca 23  
 55 <210> SEQ ID NO: 4  
 56 <211> LENGTH: 22  
 57 <212> TYPE: DNA  
 58 <213> ORGANISM: Artificial Sequence  
 60 <220> FEATURE:  
 61 <223> OTHER INFORMATION: Synthetic construct  
 63 <400> SEQUENCE: 4  
 64 tgactgtgaa cgttccagat ga 22  
 66 <210> SEQ ID NO: 5  
 67 <211> LENGTH: 26  
 68 <212> TYPE: DNA  
 69 <213> ORGANISM: Artificial Sequence

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71 <220> FEATURE:
72 <223> OTHER INFORMATION: Synthetic construct
74 <400> SEQUENCE: 5
75 tccataacgt tcgcctaacg ttcgtc 26
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 22
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <221> NAME/KEY: modified_base
84 <222> LOCATION: (11)...(11)
85 <223> OTHER INFORMATION: N = 5-bromocytosine
87 <223> OTHER INFORMATION: Synthetic construct
89 <400> SEQUENCE: 6
W--> 90 tgactgtgaa ngttccagat ga 22
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 22
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <221> NAME/KEY: modified_base
99 <222> LOCATION: (11)...(11)
100 <223> OTHER INFORMATION: N = 5-bromocytosine
102 <223> OTHER INFORMATION: Synthetic construct
104 <400> SEQUENCE: 7
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107 <210> SEQ ID NO: 8
108 <211> LENGTH: 22
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <221> NAME/KEY: modified_base
114 <222> LOCATION: (11)...(15)
115 <223> OTHER INFORMATION: N = 5-bromocytosine
117 <223> OTHER INFORMATION: Synthetic construct
119 <400> SEQUENCE: 8
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123 <211> LENGTH: 24
124 <212> TYPE: PRT
125 <213> ORGANISM: Unknown
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Synthetic construct using Influenza virus
130 <400> SEQUENCE: 9
131 Phe Trp Arg Gly Glu Asn Gly Arg Lys Thr Arg Ser Ala Tyr Glu Arg
132 1 5 10 15
133 Met Cys Asn Ile Leu Lys Gly Lys
134 20
136 <210> SEQ ID NO: 10

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137 <211> LENGTH: 9  
138 <212> TYPE: PRT  
139 <213> ORGANISM: Unknown  
141 <220> FEATURE:  
142 <223> OTHER INFORMATION: Synthetic construct using Influenza virus  
144 <400> SEQUENCE: 10  
145 Thr Tyr Gln Arg Thr Arg Ala Leu Val  
146 1 5  
148 <210> SEQ ID NO: 11  
149 <211> LENGTH: 9  
150 <212> TYPE: PRT  
151 <213> ORGANISM: Infleunza Virus  
153 <220> FEATURE:  
154 <223> OTHER INFORMATION: Synthetic construct using Influenza virus  
156 <400> SEQUENCE: 11  
157 Phe Glu Arg Phe Glu Ile Phe Pro Lys  
158 1 5  
160 <210> SEQ ID NO: 12  
161 <211> LENGTH: 9  
162 <212> TYPE: PRT  
163 <213> ORGANISM: Infleunza Virus  
165 <220> FEATURE:  
166 <223> OTHER INFORMATION: Synthetic construct using Influenza virus  
168 <400> SEQUENCE: 12  
169 Ile Tyr Ser Thr Val Ala Ser Ser Leu  
170 1 5

VERIFICATION SUMMARY

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8